

CORPORATE PRESENTATION
January 2025

High-Grade Gold Discoveries in Mali

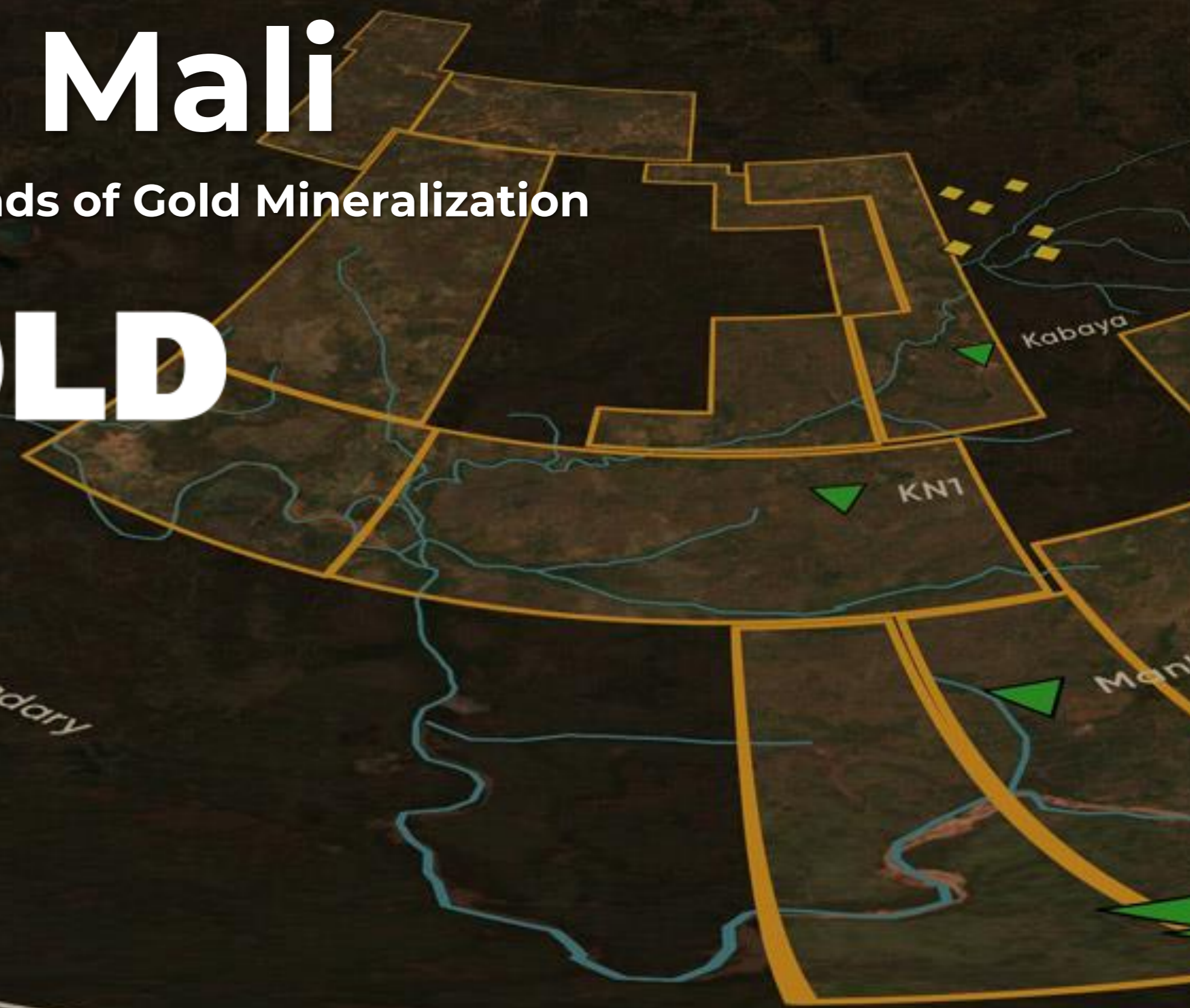
Multi-Million Ounces Potential Over Five Major Trends of Gold Mineralization

ROSCANGOLD

TSXV:ROS OTCQB:RCGCF FSE:20J

Legend:
License Boundary
Gold Deposit
Resource
River

10km



Looking Forward Statements

This presentation contains forward-looking statements relating to assumptions, estimates, expectations and statements made by Roscan Gold Corporation (“ROSCAN”) that describe future plans, intentions, beliefs, objectives or goals. These statements are subject to a number of known and unknown risks, uncertainties and other factors that may cause actual results to differ materially from those expressed or anticipated by such forward-looking statements.

Statements that address activities, events or developments that the Company expects or anticipates will or may occur in the future, are forward-looking statements. Examples of such forward-looking statements, without limiting the generality of the foregoing, include:

- Potential to earn our interest in mineral properties
- Ability to complete property acquisitions/transactions and conduct exploration work
- Capital requirements and ability to obtain funding
- Ability to continue as a going concern

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ROSCAN is in the business of exploring for minerals and, if successful, ultimately mining them. The mining sector is by its nature, cyclical, competitive and risky. Many of these risks are beyond the Company’s control.

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A preliminary short form prospectus containing important information relating to the securities described in this presentation has been filed concurrently with this presentation with the securities regulatory authorities in British Columbia, Alberta and Ontario. A copy of the preliminary short form prospectus, and any amendment, is required to be delivered to any investor that received this presentation and expressed an interest in acquiring the securities. There will not be any sale or any acceptance of an offer to buy the securities until a receipt for the final short form prospectus has been issued. This presentation does not provide full disclosure of all material facts relating to the securities offered. Investors should read the preliminary short form prospectus, final short form prospectus and any amendment for disclosure of those facts, especially risk factors relating to the securities offered, before making an investment decision.

Qualified Person (QP)

Gregory Isenor, P.Geo, Director and member of Professional Geologist of Nova Scotia and Canadian Institute of Mining and Metallurgy, is the Qualified Person under NI43-101 who has reviewed and approved the scientific and technical information in the presentation.

Investment Highlights

✓ Prolific Land Package

- Highly prospective **401.8km² land package** with multiple discoveries
- **~25Km east of B2Gold's Fekola Mine and ~45Km from Barrick's Loulo Mine** – within trucking distance (Mankouke South)
- **7 operating mines within an 80km radius** of the Kandiolé Project
- **Over 51Moz delineated historically**

✓ Resource Scale Potential

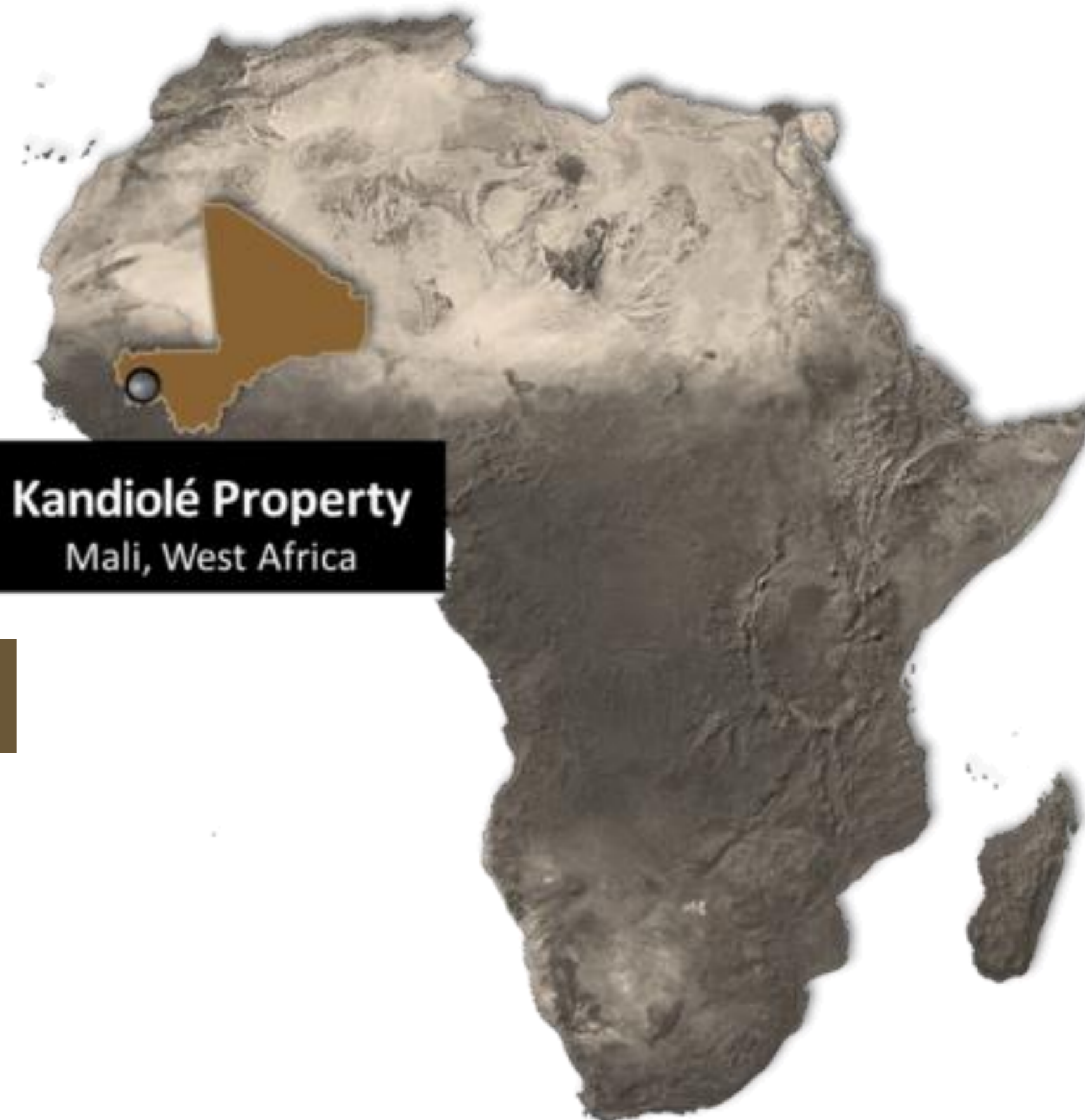
- **3 Deposits** with 1.2Moz Global (84% Indicated and 72% saprolite) + Up to 0.8Moz Exploration Target
- Robust Starter Pit Potential of 377,000 ounces at 2.6 g/t at Mankouke South
- **4 immediate targets for resource growth:** Prolific Disse, Walia, Niala and Mankouke West targets
- **16 Regional Targets** in the Siribaya-Mankouke-Seko corridor

✓ De-Risking Milestones

- Completing permitting process
- **Positive metallurgical test results** (+97% oxide and +92% fresh rock recoveries)
- **Potential high-margin low-cost operation** leveraging existing infrastructure
- Leadership and track record of the team

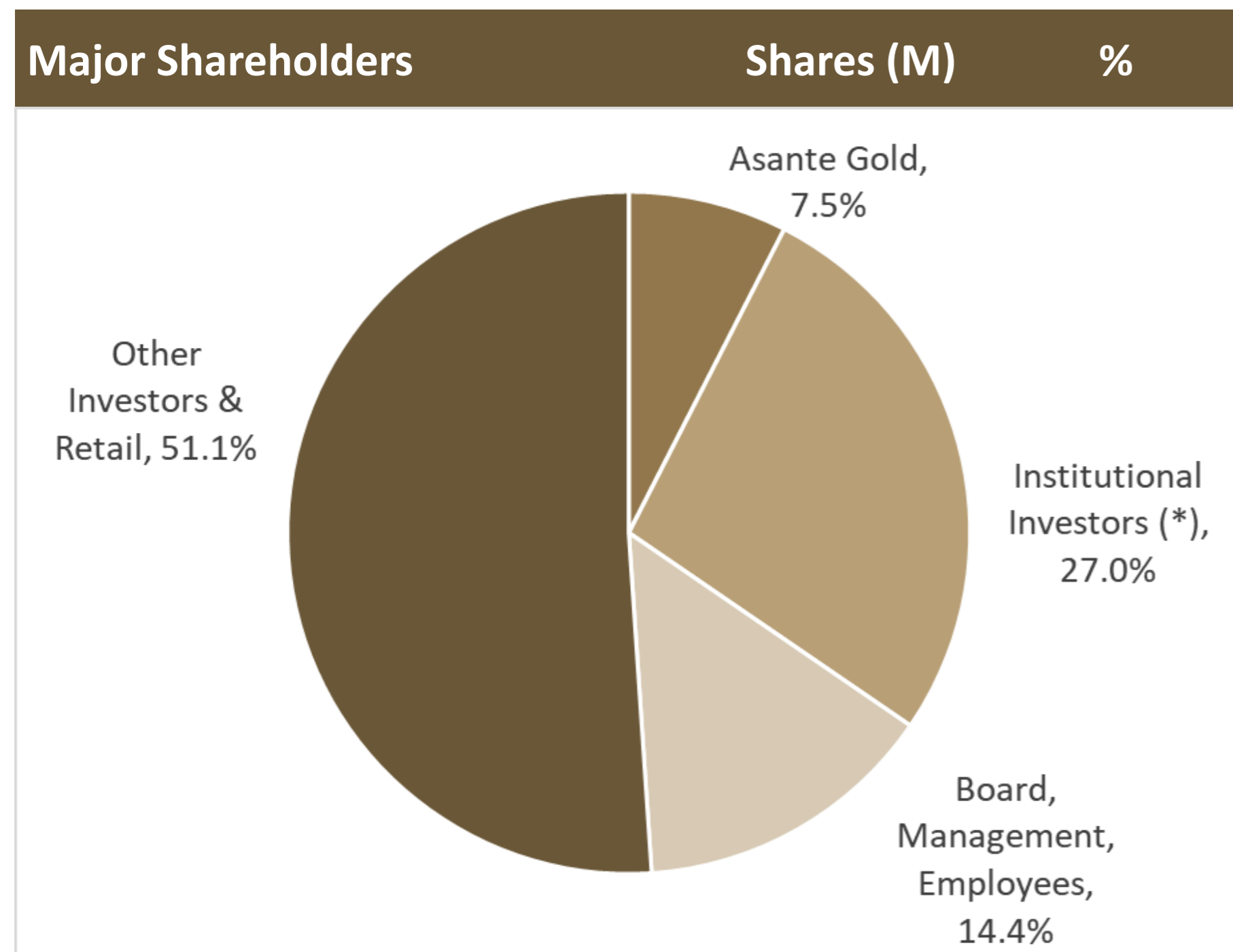
✓ Compelling Valuation

- Compelling valuation compared recent precedent transaction – 2 M&A transactions on contiguous ground – **Acquired projects not as de-risked as Roscan's Kandiole Gold Project**
- **ROS trades at C\$26/oz Global Resource and C\$15/oz Resources + Exploration Potential**
 - B2Gold-Oklo transaction valued at C\$117/oz
 - Managem-IAMGold transaction valued at C\$82/oz



Capital Structure

Ticker Symbol	TSX.V : ROS	
52-week high / low	\$	\$0.12 / \$0.05
Shares Issued & Outstanding	m	428.5
RSUs/Options	m	27.2
Fully Diluted	M	455.7
Market Cap.	\$m	\$30.0



(*) Equinox Partners; Delbrook Res.; Bromma AM; Dundee Capital; Sprott AM; ASA Gold; US Global; Mackenzie; others

Bloomberg, InfoSuite and Company data as of November 2024. Rounding errors may be present.

Company	Analyst	Target Price
BEACON Securities Limited	Bereket A. Berhe	C\$0.75
CLARUS SECURITIES INC.	Varun Arora	C\$0.85
STIFEL GMP	Alex Terentiew	C\$0.80

Share Price Performance: Previous 6-Months



Location & Infrastructure

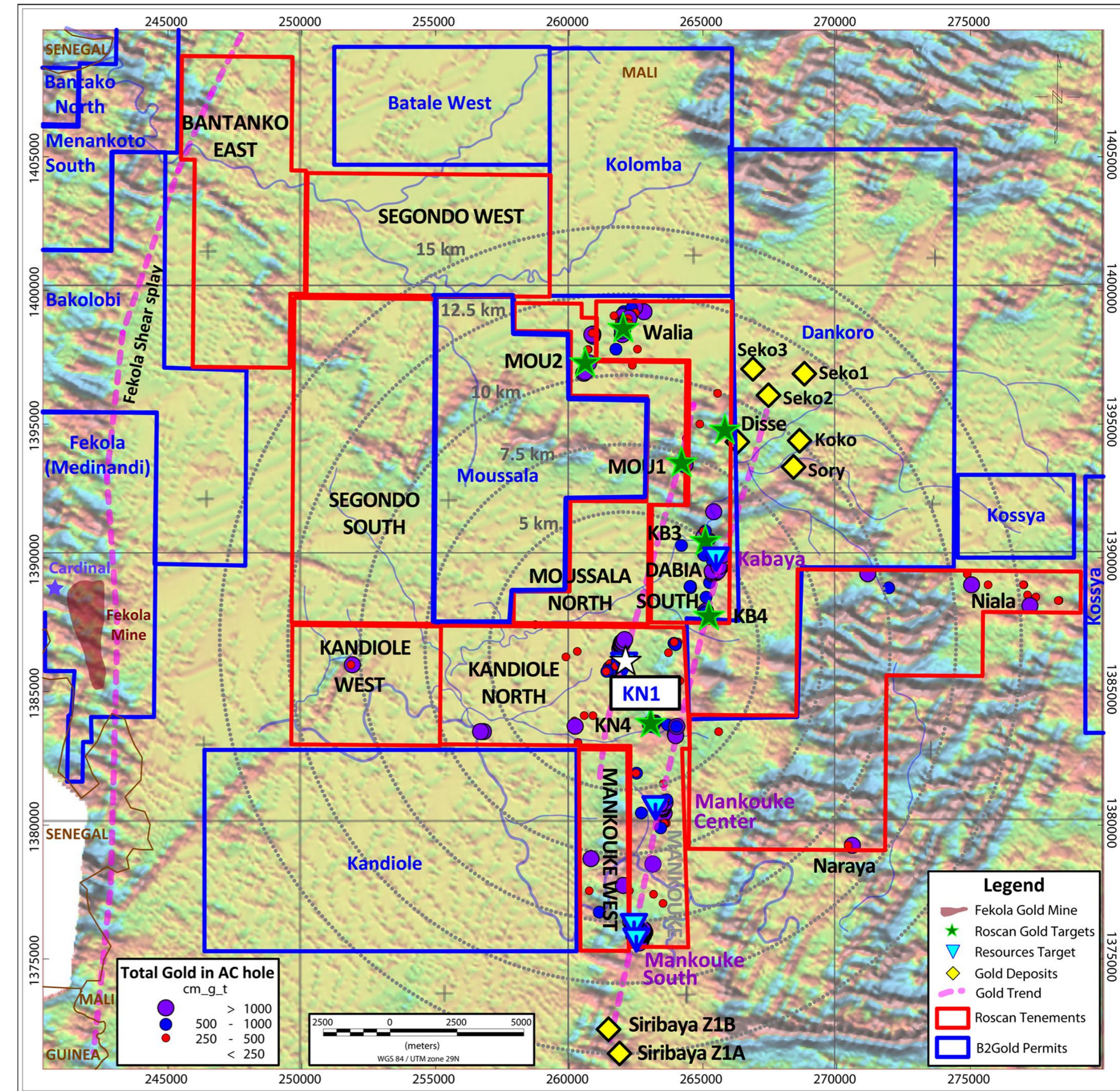
Located in a Favourable Area of Mali & Proximity to Existing Infrastructure

- Project accessible by sealed road from Bamako (400km) and from Dakar (875km)
- 85km from the Manantaly hydro-electric dam
- 1.5km Diabarou airstrip located 700m from camp
- Kandiole project is between B2Gold Dandoko project (Seko 1-3, Disse-Koko-Sory) and Fekola mine

Located in a Prolific Gold Jurisdiction

Deposit	Company	Production Start /Status	M&I (Moz.)	Inferred (Moz.)	Production (Moz.)	Production & Global Resource (Moz)
Loulo & Goukoto (1)	Barrick Gold	2005	11.6	2.0	5.57	19.17
Sadiola (2)	IAMGOLD/AngloGold	1997	6.8	1.0	7.97	15.80
Fekola (3)	B2Gold	2017	6.1	1.1	1.01	8.11
Tabakoto & Segala (4)	BCM (private)	2006	1.9	0.8	1.26	4.01
Boto (5)	IAMGOLD	Development	2.0	0.5	-	2.50
Diakha & Siribaya (6)	IAMGOLD	Exploration	0.7	1.2	-	1.92
Total			29.2	6.6	15.8	51.5

- NI 43-101 Technical Report on the Loulo-Goukoto Gold Mine Complex, Mali, 18th September 2018
- NI 43-101 Sadiola Sulphide Project (SSP) 2015, Mali; IAMGold Annual Report 2018
- B2Gold Annual Information Form, March 20, 2020; BB2Gold Analyst Day 2020 Presentation, October 2020
- NI 43-101 Technical Report Mineral Resource and Reserve Update for the Tabakoto Gold Mine, Mali; Endeavour Corporate Presentations
- NI 43-101 TECHNICAL REPORT BOTO OPTIMIZATION STUDY – SENEGAL
- IAMGOLD Press Release, Jan 30, 2019; Title: IAMGOLD Reports 744,000 Indicated Ounces and Increases Resources by 57% at the Diakha - Siribaya Gold Project in Mali



Maiden Mineral Resources

- ✓ **1.2 Moz at 1.2 g/t** including 1.02 Moz @ 1.5 g/t Indicated and 0.20 Moz at 1.4g/t Inferred
- ✓ Immediate Exploration Target to potentially add up to 800koz
- ✓ Robust Starter Pit Potential of 377,000 ounces at 2.6 g/t at Mankouke South
- ✓ **Resources Suggest a stand-alone high-margin Operation**

- High-grade starter pit
- Low strip ratios - 2.4:1 - 2.7:1
- High-quality resource with 84% included in the indicated category
- 72% within saprolite
- Good metallurgical recoveries
- Significant Exploration potential to add to Resources within Resource area: Range of 0.2Moz to 0.8Moz
- Disse, Walia, Niala and Mankouke West were not included in the maiden resource

	Mineral Resource (0.3/0.42 g/t Au cut-off)			Sensitivity (0.5 g/t Au cut-off)		
	Tonnes (In Situ) mt	Gold Grade g/t	Gold Content koz	Tonnes (In Situ) mt	Gold Grade g/t	Gold Content koz
Total Indicated	27.4	1.2	1,018	20.0	1.5	923
Total Inferred	5.2	1.2	199	3.8	1.4	181

1. The effective date of the Mineral Resource Estimate is 31 March, 2022.
2. A marginal COG of 0.30 g/t Au for all material is applied for oxide mineralization, and 0.42 g/t for fresh.
3. Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, marketing, or other relevant issues. The Mineral Resources in this Technical Report were estimated using CIM (2014) Standards on Mineral Resources and Reserves, Definitions and Guidelines.
4. A test to determine whether or not there is a Reasonable Expectation of Economic Extraction of Mineral Resources was completed using a pit optimisation based on a gold price of US\$1500/oz.
5. The quantity and grade of reported the Inferred Resources in this estimation are uncertain in nature and there has been insufficient exploration to define this Inferred Resource as an Indicated or Measured Mineral Resource. It is uncertain if further exploration will result in upgrading the Inferred Resource to an Indicated or Measured Mineral Resource category.
6. Contained metal and tonnes figures in totals may differ due to rounding

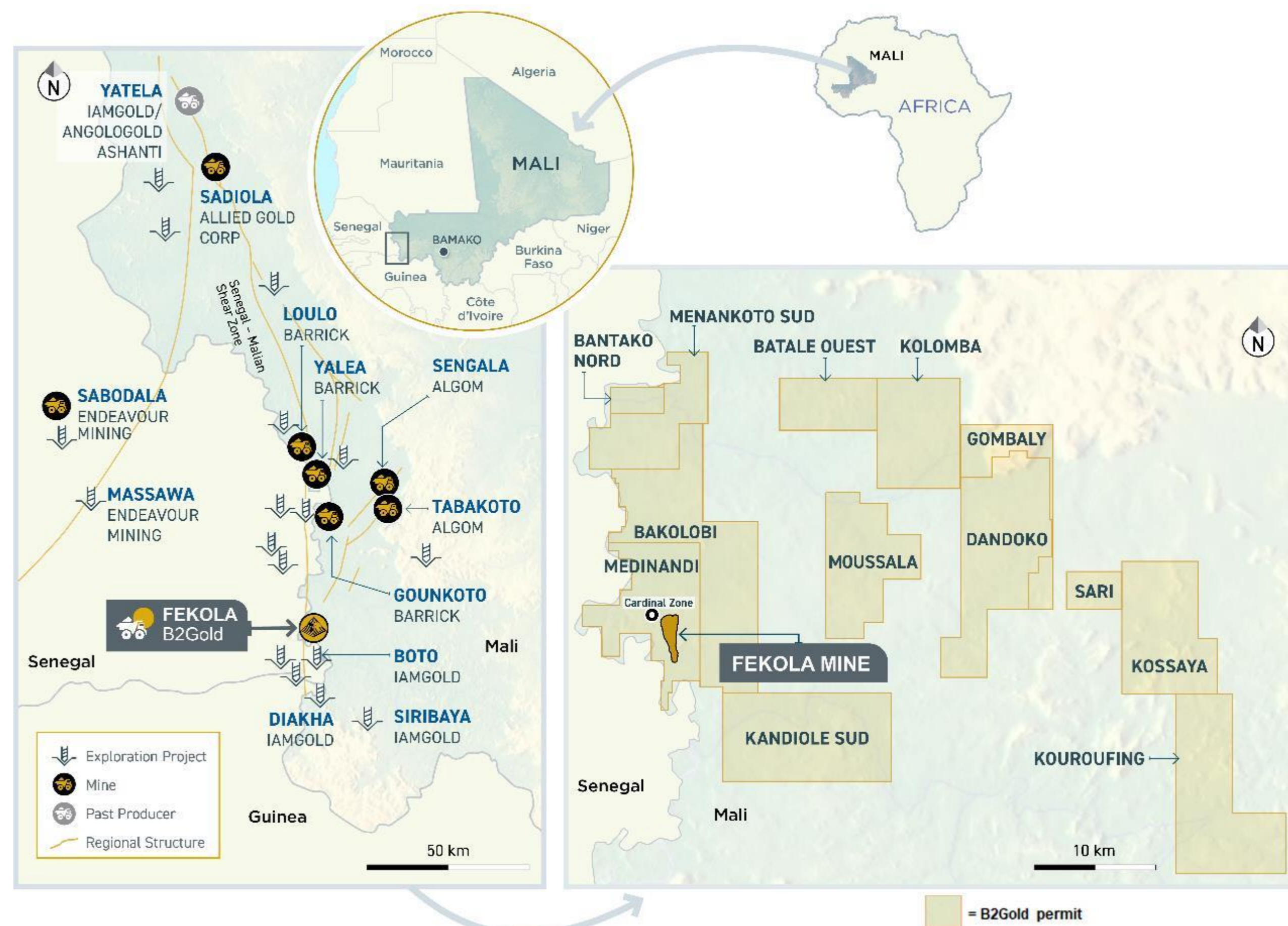
A History Of Successful Gold Resource and Mine Development

Quick Path From Maiden Resources Definition to Production & Exponential Resource Growth Post Mine Development

Fekola – B2Gold

From Maiden 3Moz to Resources + Historical Production of ~8Moz

- Recent discovery within the Senegal-Mali Shear Zone
- In 2011, Papillon Resources (acquired by B2Gold) had defined 827Koz @ 1.76 g/t at the Medinandi project, not yet including recent discovery Fekola
- Initial MRE with 40.1Mt @ 2.40 g/t Au for 3.1Moz released in July 2012 by Papillon Resources**
- From meaningful exploration results to maiden resources in 2.5 years in the year of 2014
- Feasibility Study in 2015
- First gold pour in 2017



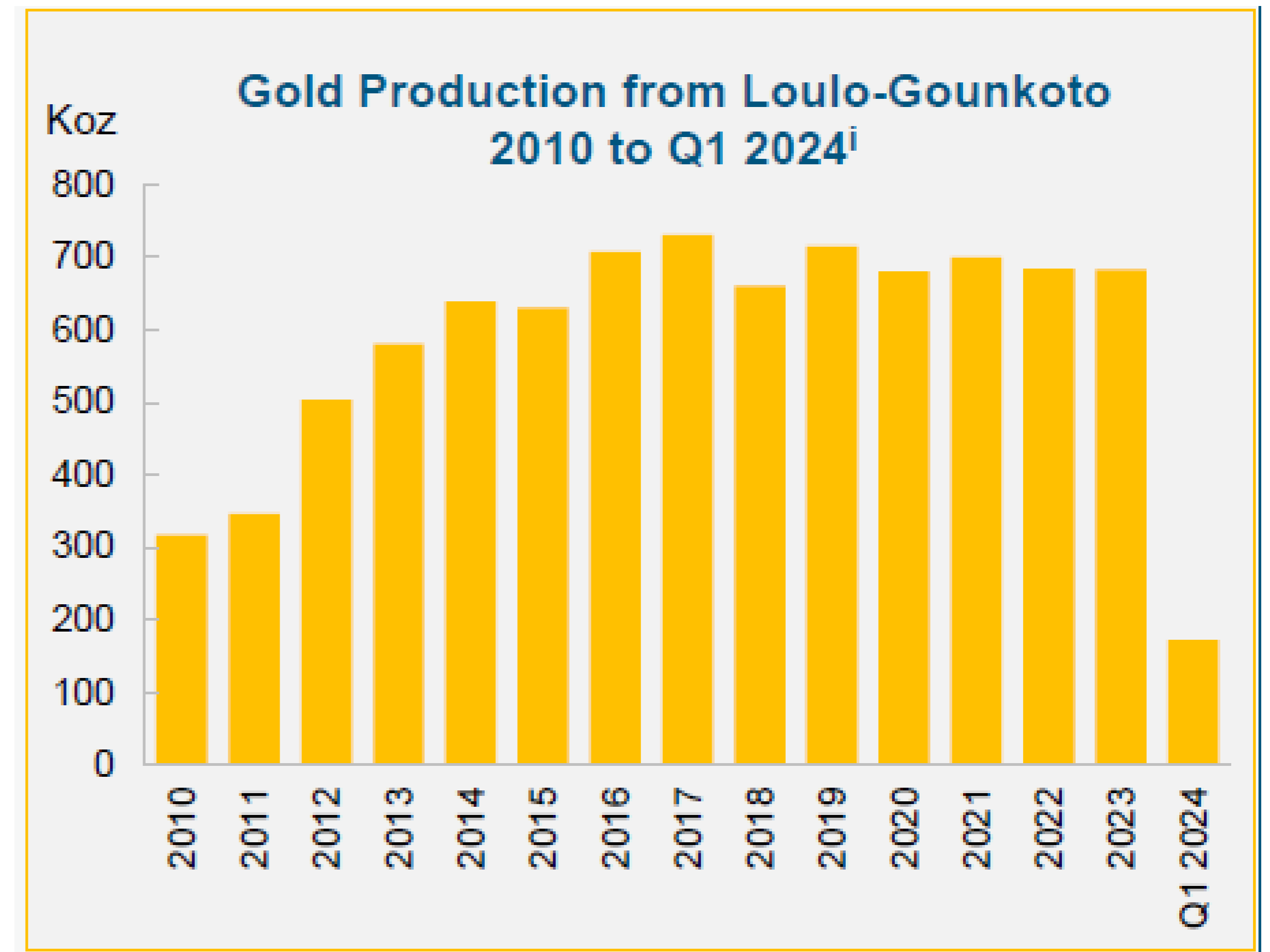
A History Of Successful Gold Resource and Mine Development

Quick Path From Maiden Resources Definition to Production & Exponential Resource Growth Post Mine Development

Loulo-Goukoto

From Maiden 1.4Moz to Resources + Historical Production of ~19Moz

- Feasibility Study in 2003 at Loulo deposit
- **Initial MRE with only 12 Mt @ 3.60 g/t Au for 1.4 Moz** - led to the construction of an open pit mine in 2004
- The Loulo underground mine passed through feasibility study stage in 2005, with development beginning in 2005 and first gold being produced in 2006
- Goukoto discovered through regional exploration in 2009 with first gold being produced at the Goukoto open pit in 2011



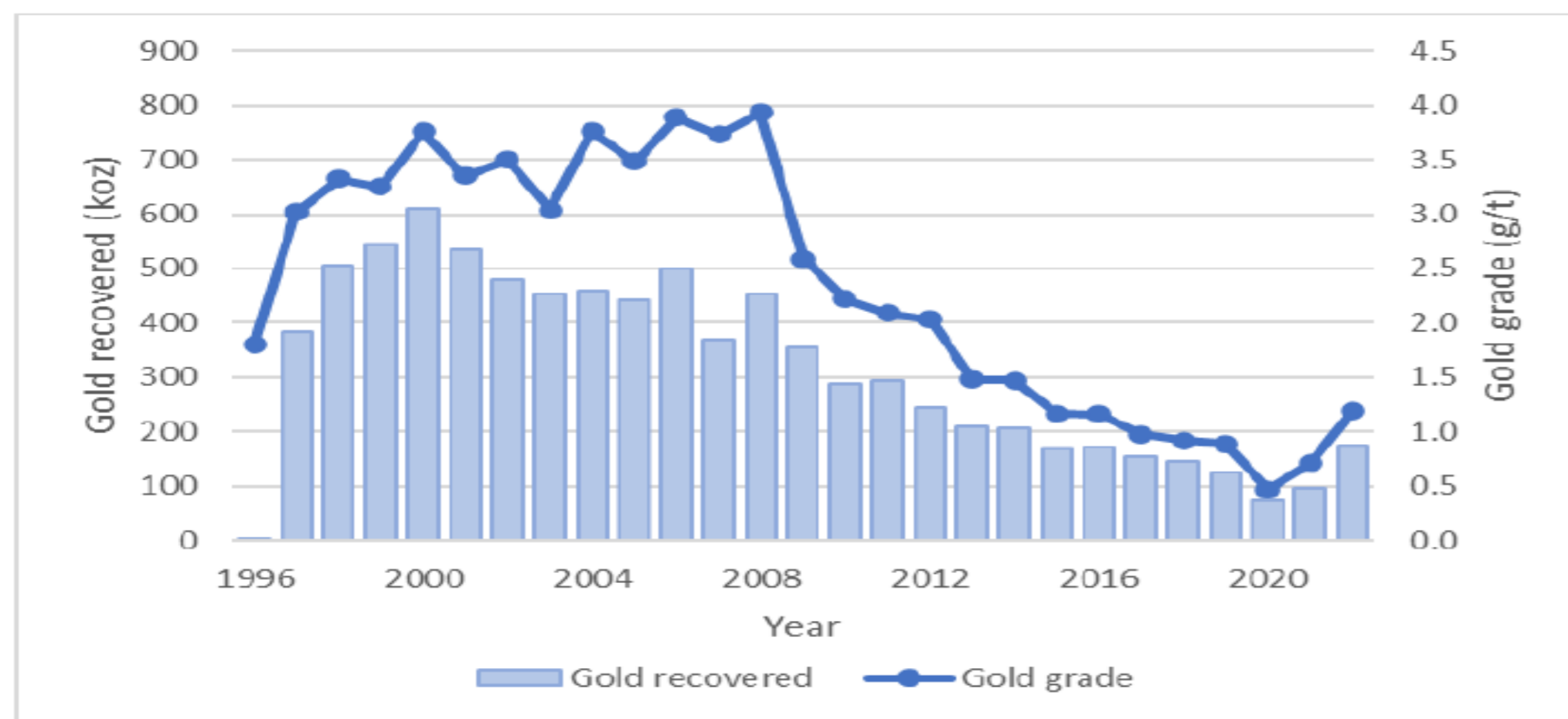
A History Of Successful Gold Resource and Mine Development

Quick Path From Maiden Resources Definition to Production & Exponential Resource Growth Post Mine Development

Sadiola

From Maiden 2.3Moz to Resources + Historical Production of ~16Moz

- Initial MRE in 1991 with approximately 22.3 Mt of oxide mineralization @ 3.3 g/t gold for 2.3Moz
- Feasibility Study in 1993
- Construction in 1995
- First gold pour in 1996



Similarities between Mankouke-Kabaya-Kandiolo and Sadiola-Loulo-Fekola

Major Structural Deformed Corridor

- **Senegalo-Malian and Siribaya-Mankouke-Kabaya-Seko** which is demonstrated by Airborne geophysics with the occurrence of a 5 km wide structural corridor over >50 km and >450 m deep, confirmed by structural measurements (Kim Hein).

Same Gold District

- **Sadiola (Yatela-Alamoutala-Sadiola), Loulo (Gara-Yalea-Goukoto), Fekola (Diaka-Boto-Fekola-Anaconda) ± 50 km each with consecutive deposits vs Siribaya-Mankouke S, Mankouke W, Mankouke Center, Kandiolo, Kabaya Moussala, Disse Seko, >50 km long, mineralization occurrences every 2-5km**

Stratabound/Intrusion Related

- **Stratabound (Loulo-Kandiolo) or/and intrusion-related** within the competency contrast zone along a contact between more porous-fractured rock as clastic sediments or a competent dacite intrusion, and ductile impure limestone (**Sadiola-Fekola-Mankouke-Kabaya**)

Hydrothermal Alteration

- The main bond with the gold mineralization: hydrothermal alteration **albite, carbonate, sericite, chlorite**, and quartz ± tourmaline, sulfides **pyrite, pyrrhotite, arsenopyrite** for Fekola-Loulo-Mankouke-Kabaya-Kandiolo while Sadiola has a calc-silicate and potassic alteration

Mineralization Depth

- **Depth extension known of 400-1000m for Sadiola-Fekola-Loulo - only tested 150-300m for Mankouke-Kabaya-Kandiolo**

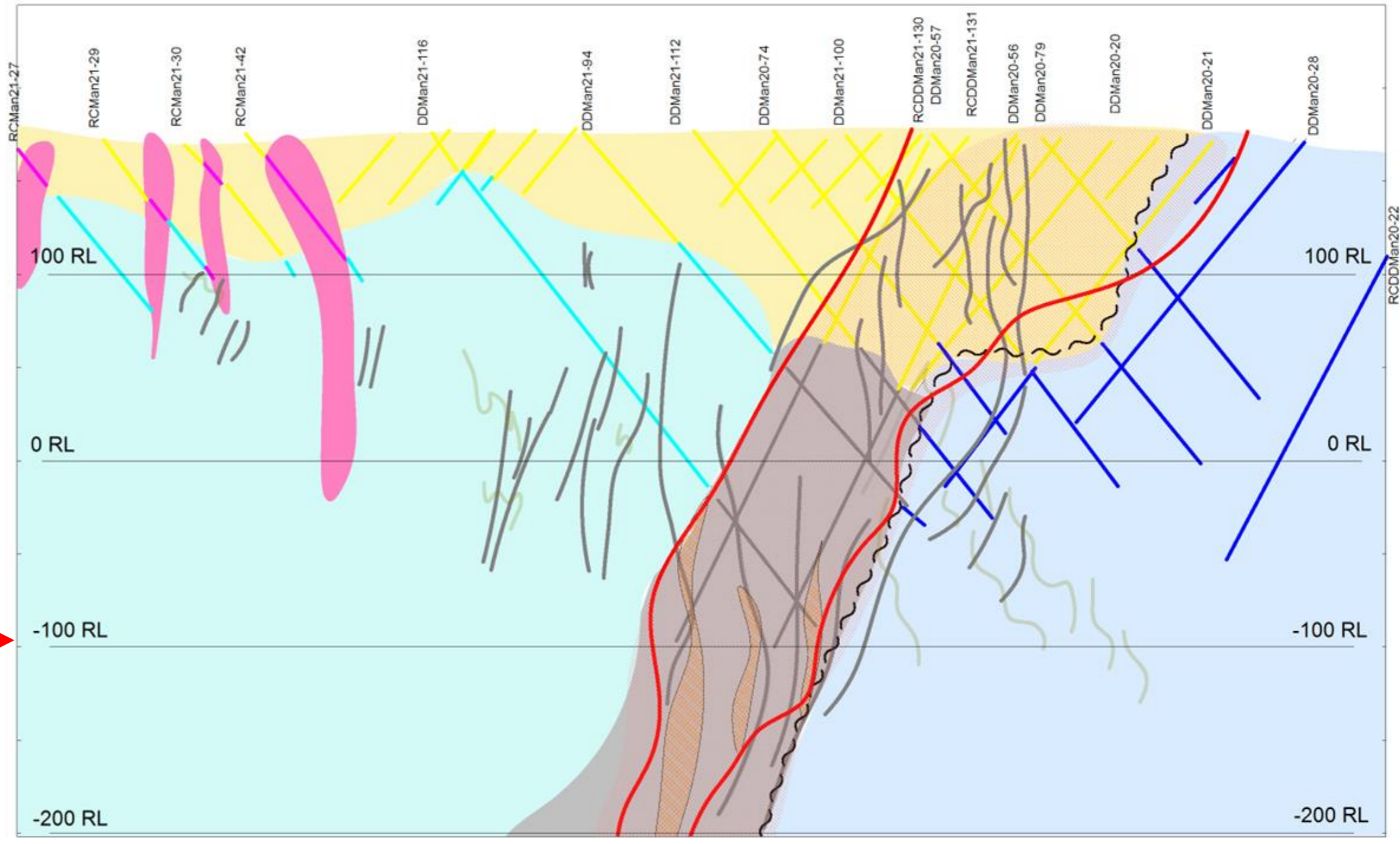
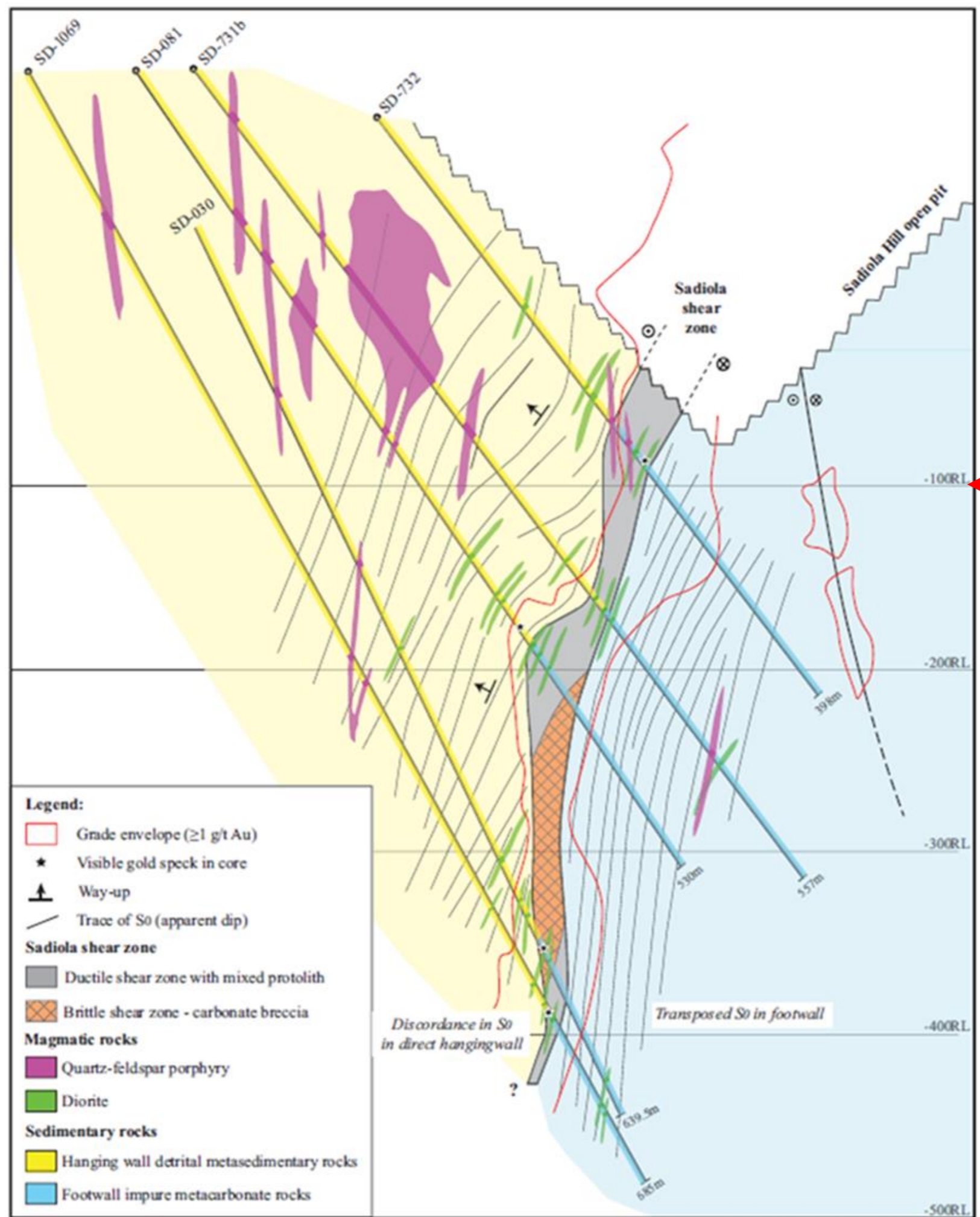
Mankouke South and Sadiola

SADIOLA GOLD DEPOSIT

MANKOUKE SOUTH GOLD MINERALIZATION (Open at Depth)

34

MASUREL ET AL.



-100M

-400M

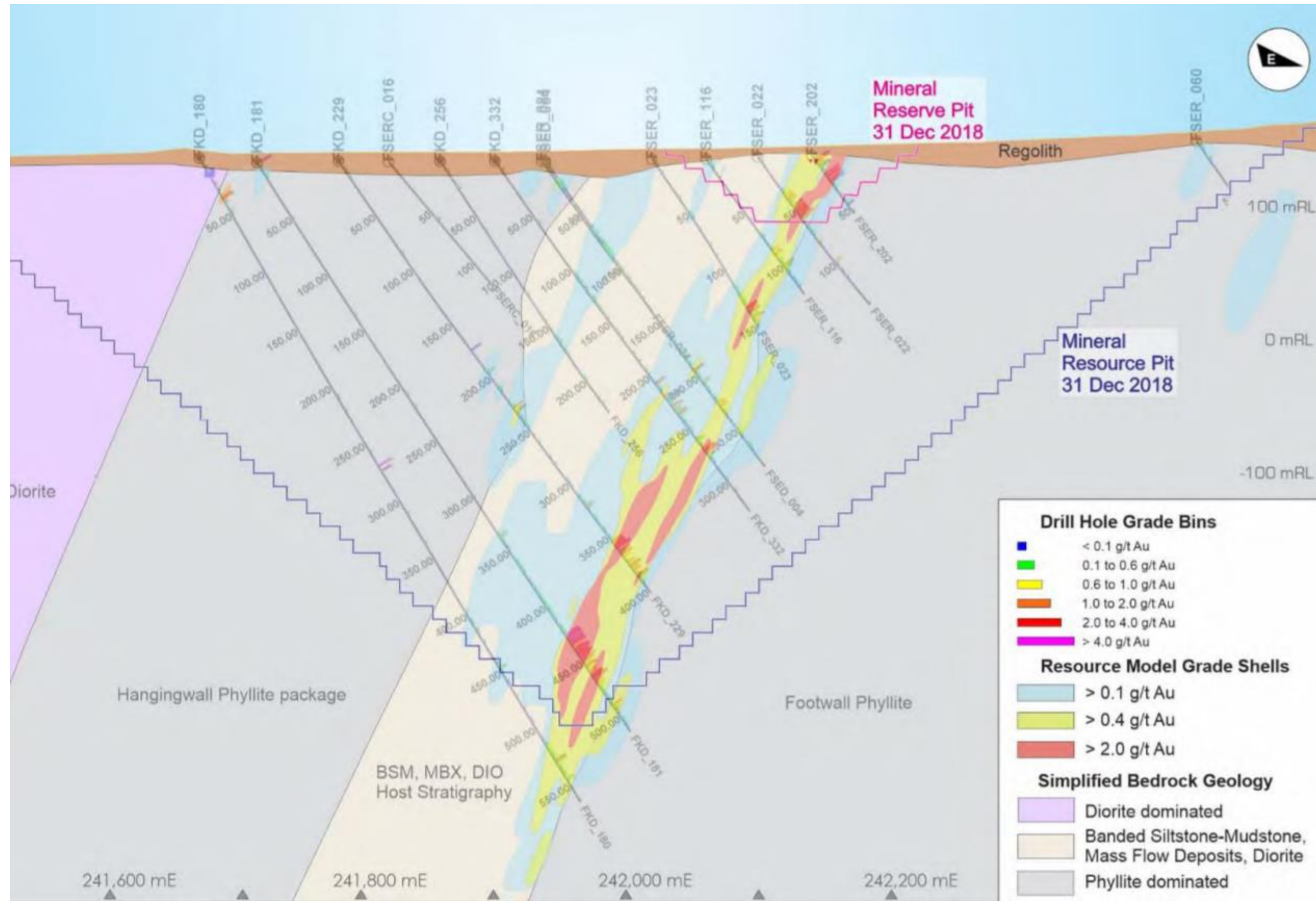
Depth extension known of 400-1000m for Sadiola-Fekola-Loulo - only tested 150-300m for Mankouke-Kabaya-Kandiole

Ref.: Sadiola Hill: A World-Class Carbonate-Hosted Gold Deposit in Mali, West Africa*; 2017 Society of Economic Geologists, Inc.; Economic Geology, v. 112, pp. 23-47

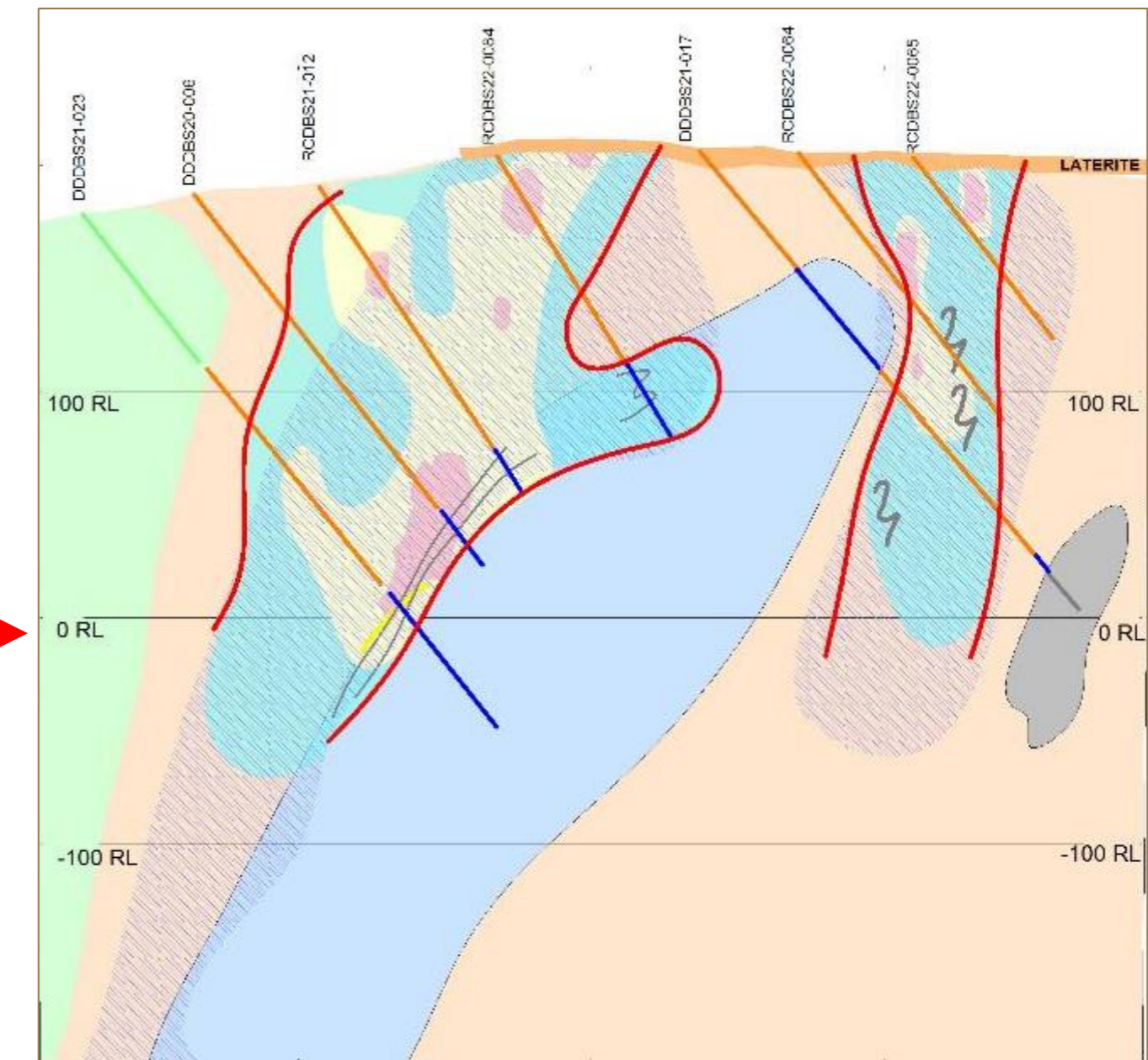
Kabaya and Fekola

Depth extension known of 400-1000m for Sadiola-Fekola-Loulo - only tested 150-300m for Mankouke-Kabaya-Kandiole

FEKOLA



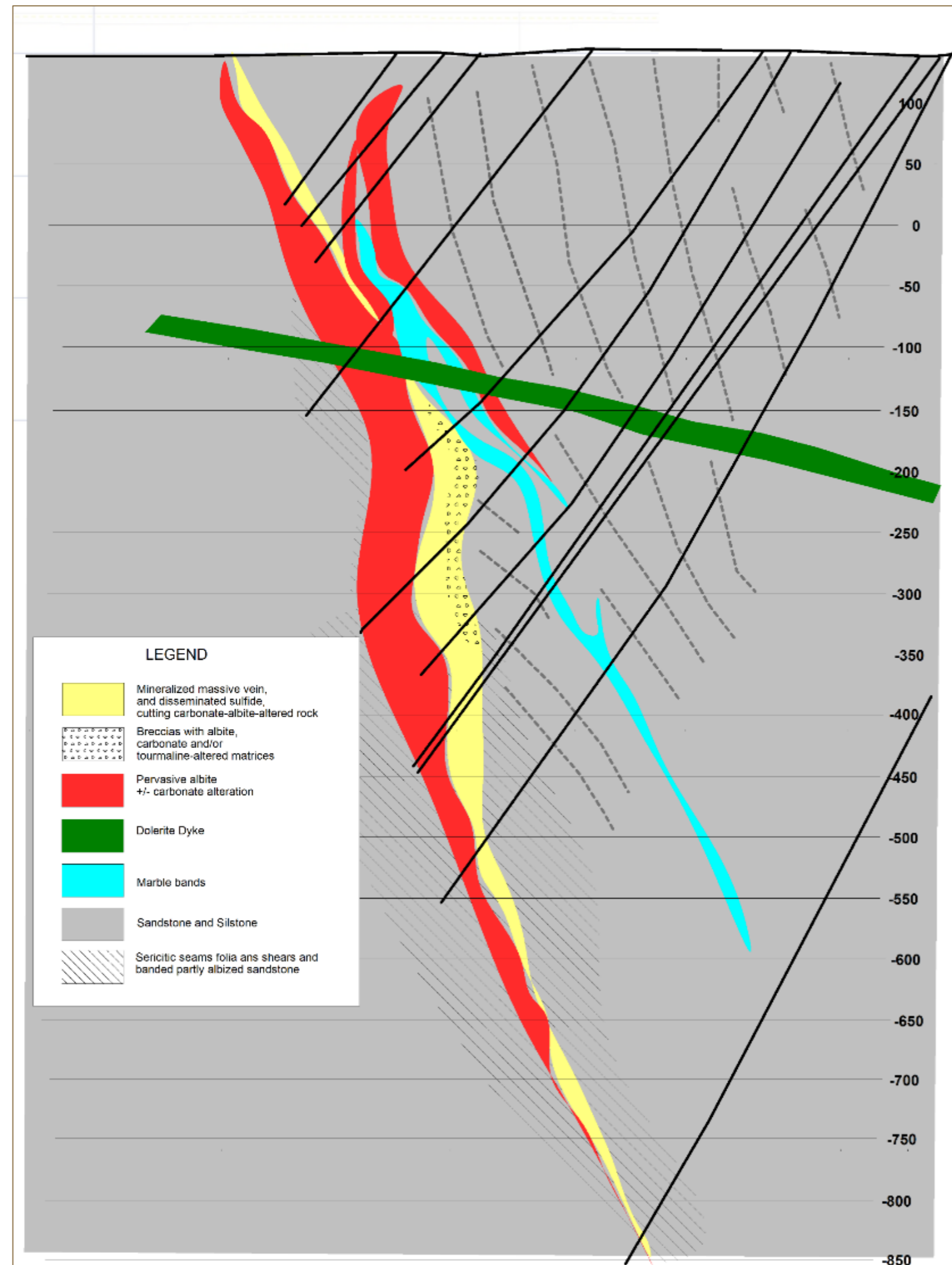
KABAYA (Open at Depth)



The Fekola Deposit Ref.: A new multi-million-ounce gold discovery in the Kenieba District of Western Mali. Andrew Boyd¹, Richard Dahl² and Simon Dorling³ (1Papillon Resources Limited, 2 formerly PIR Mali Limited, now RD Geoscience, 3 CSA Global Pty Ltd) - November 2013

Kandiole (KN1) and Loulo-Yalea

LOULO-YALEA



KANDIOLE – KN1



Redrew from Figure 7C page 153 of the Society of Economic Geologists, Inc. SEG Special Publications, no. 23, pp. 141–162, ©2020 / Chapter 7: Paleoproterozoic Gold Deposits of the Loulo District, Western Mali, Authors: Andrew Allibone, David Lawrence, John Scott, Mark Fanning, James Lambert-Smith, Paul Stenhouse, Reinet Harbidge, Carlos Vargas, Rose Turnbull, and Joel Holliday.

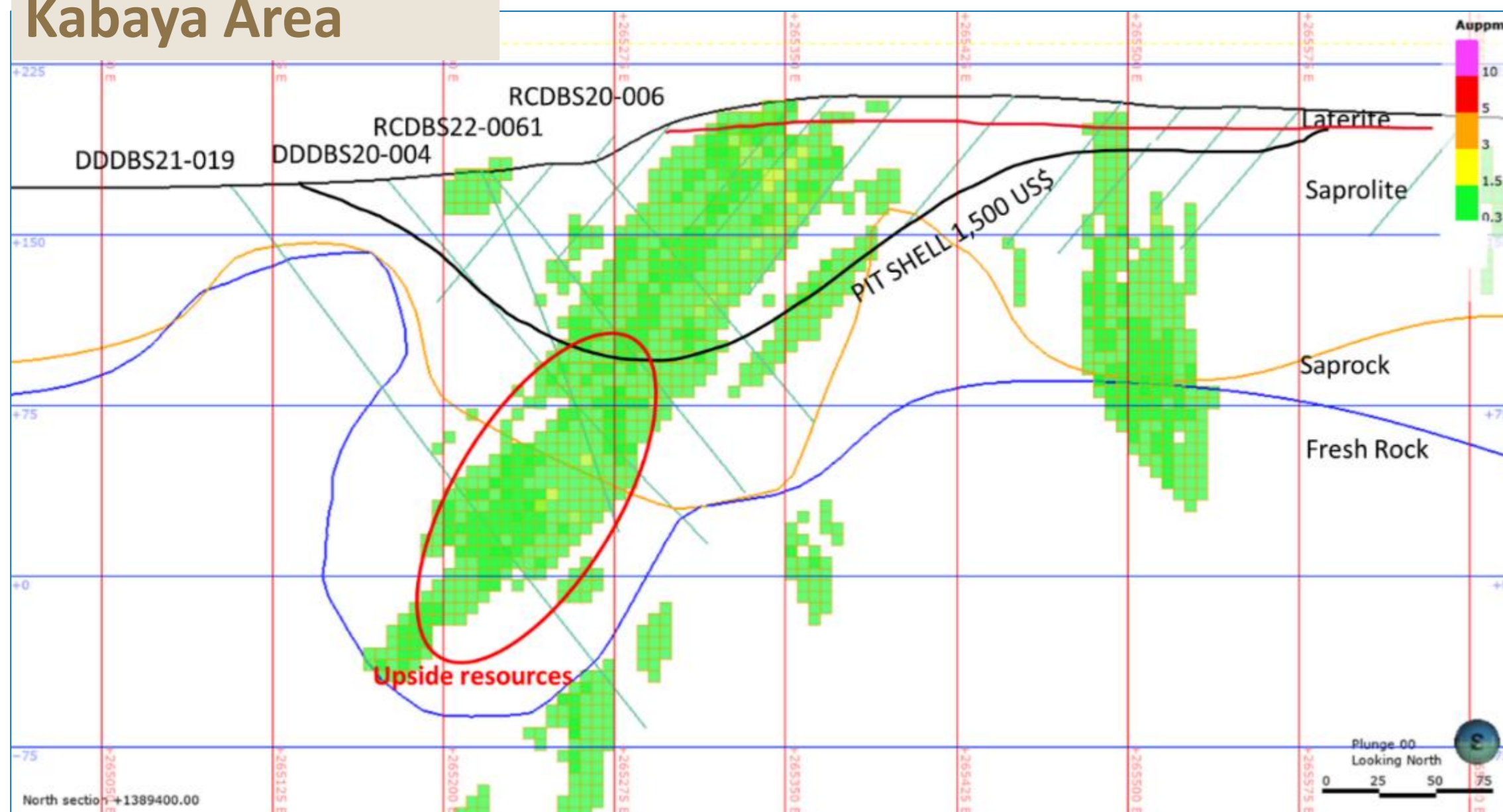
Exploration Target

Targets within the Resource areas

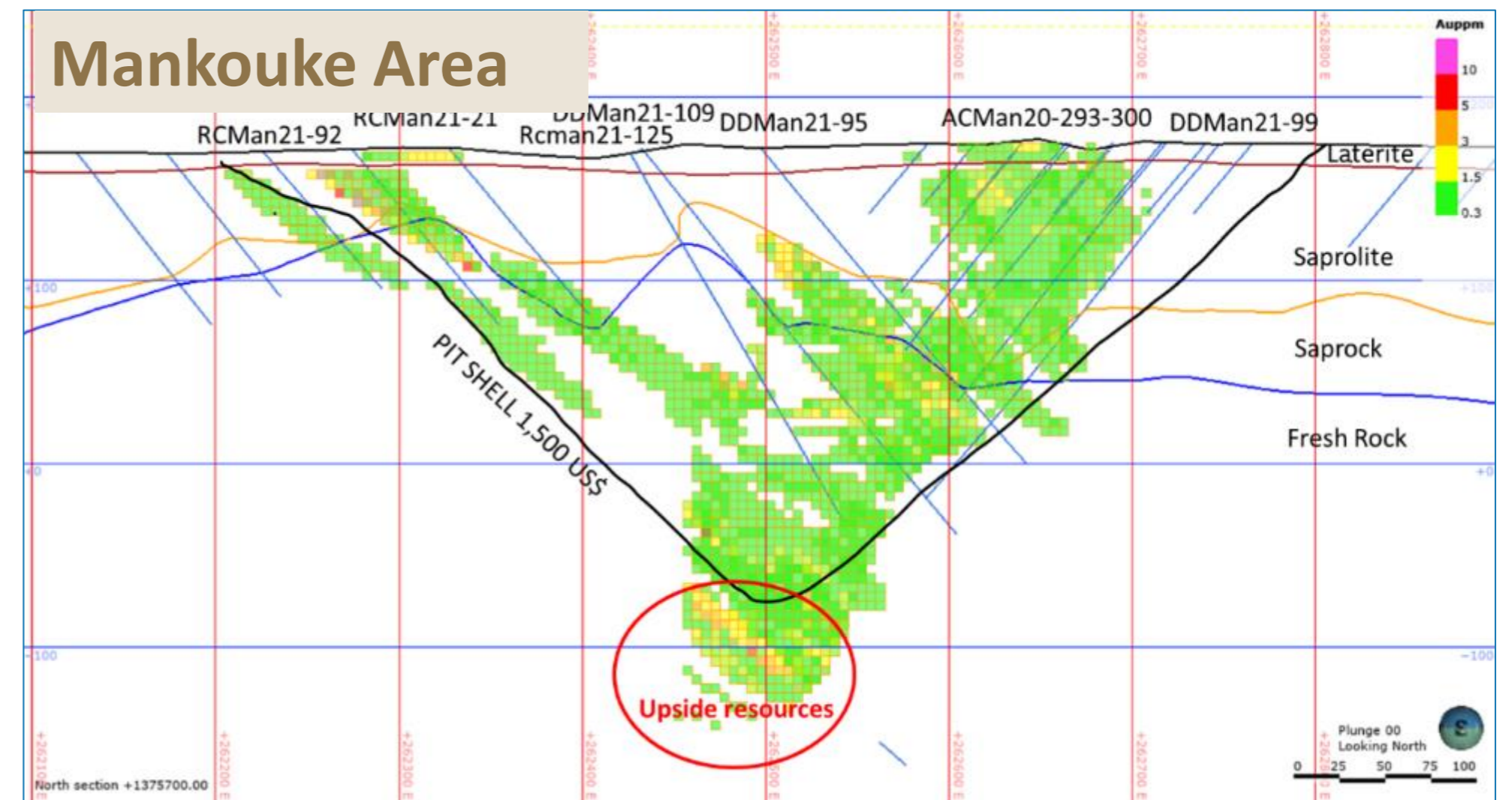
Potential additional resource in the range of 8Mt at 1.0 g/t Au to 30Mt at 0.8 g/t Au (**0.3-0.8Moz Growth**)

- 17,890m completed out of the 20,000m ongoing drilling program not yet included in the MRE
- Drilling prioritization to favor areas of immediate upside potential such as the Exploration Target areas at: Mankouke South, Kabaya and Kandiole KN1 resource areas
- Includes oxide and sulphide mineralization and their satellites and extensions

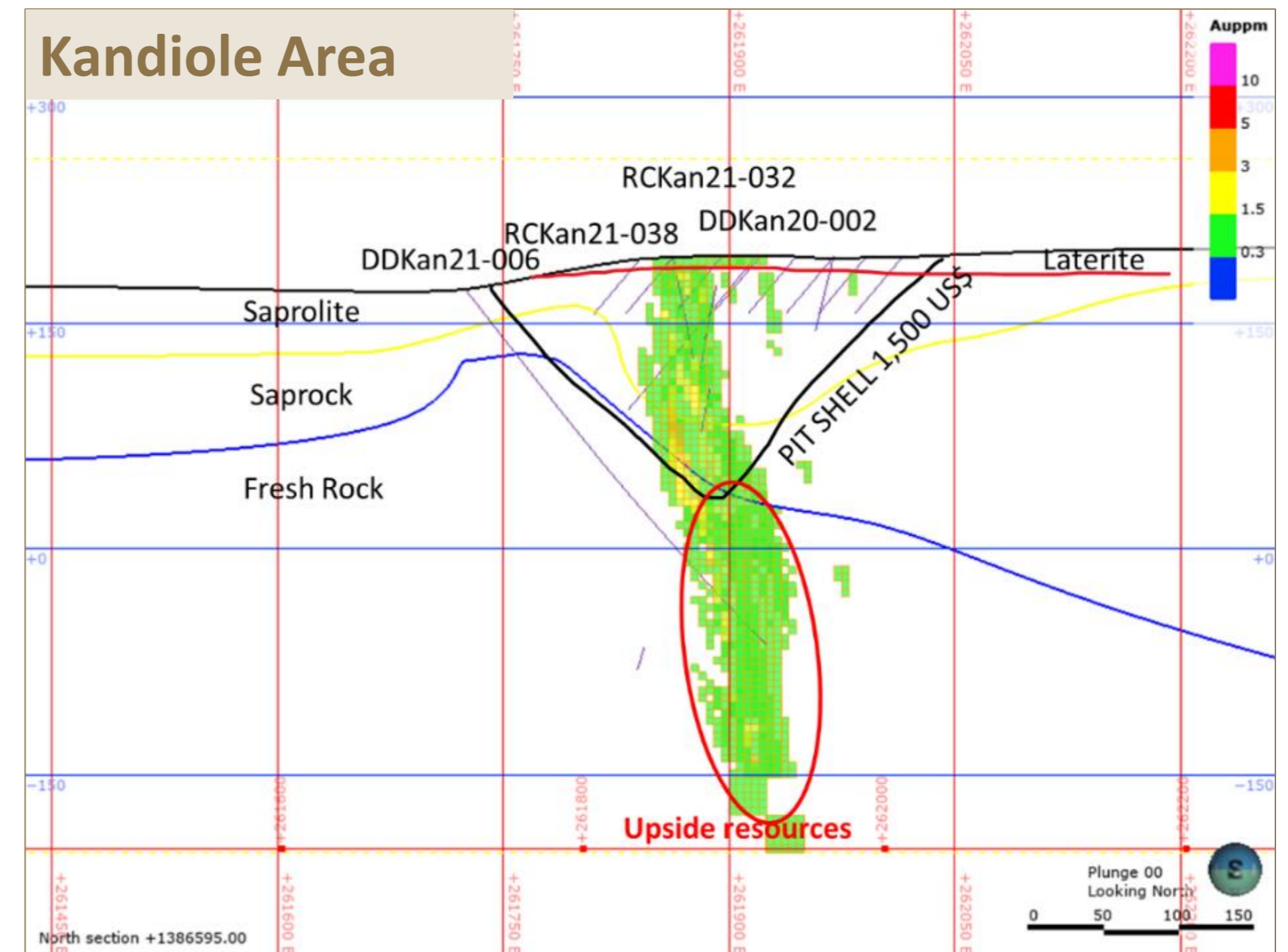
Kabaya Area



Mankouke Area



Kandiole Area



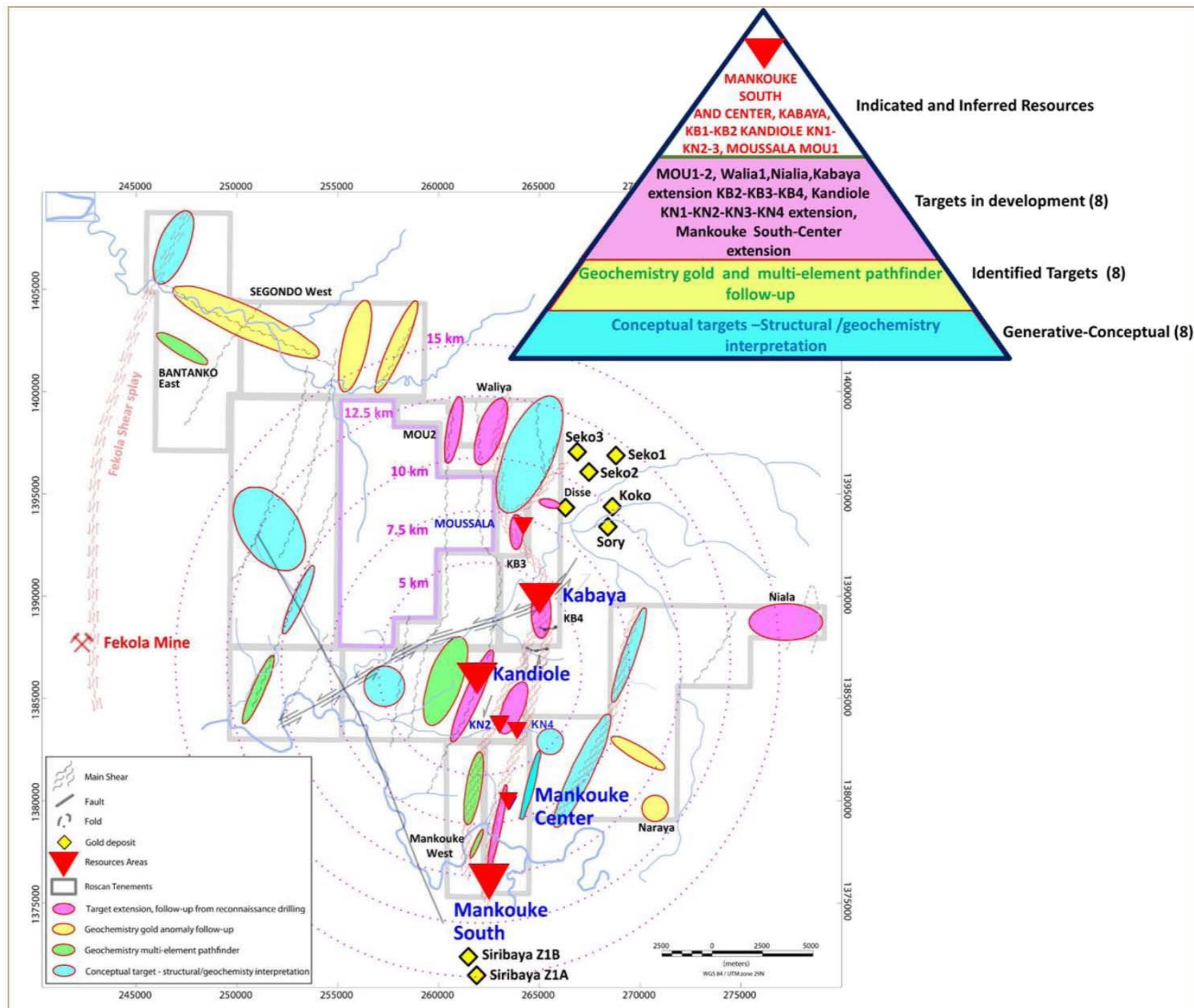
Block model 5m x 5mx 5m

Regional Exploration & Target Prioritization

Targets outside the Resource area

Substantial positive exploration results but not yet been captured in the reported initial Resources

- Includes 8 targets such as the discoveries at Disse and Waliya, and Mankouke West along with the strong potential of Bantanko East and Segundo West
- Includes 16 other targets in the Siribaya-Mankouke-Seko structural corridor



Positive Metallurgical Testing Results

97.6% Recoveries for Oxide and 92.9% for Fresh Mineralisation Samples at Flagship Mankouke South Target

Further potential to improve up to 40% (10-40% range) the resource estimates using LeachWELL assay process instead of previous Fire Assay analysis.

- Total gold recoveries by gravity, plus 48 hours of CIL on all prospects, have averaged **97% for oxide (saprolite) samples, 89% for a transition sample and 90% for fresh mineralization samples**
- **Non-refractory metallurgical features**, indicating that a simple, industry-standard cyanide leach process provides excellent gold and silver extraction
- **Both Oxide and Fresh mineralization are amenable to gravity concentration** to recover free gold within the milling circuit.
- The CIL results for the **oxide zone, which carries a large proportion of the mineralization (70-80%) at Mankouke South MS1 and Center - Kandiole KN1 - Kabaya KB1- KB2, are particularly favorable with 97% total gold recovery**
- The coarse ore leach tests in two Kabaya saprolite samples, to examine heap leach amenability, provided an average of 79% recovery of gold including one sample reached 88.4% recovery after 72 hours

CIL and Gravity Test Recovery Summary

PROSPECT	PROFILE		Grind (µm)	Leach Time (h)	Consumption (kg/t)		Au (g/t)	Head (cal)	Tail (g/t)	Gold recovery %		
	Type	% of mineralization			NaCN	CaO				Grav	48 h CIL	Total
MANKOUKE SOUTH	SAPROLITE	73%	100	48	1.36	3.47	3.06	2.61	0.09	17.30	80.31	97.60
	TRANSITION	9%	100	48	2.19	2.23	2.99	3.01	0.25	21.80	66.96	88.72
	FRESH ROCK	18%	100	48	1.04	0.70	2.90	2.37	0.16	20.10	72.92	92.98
MANKOUKE CENTRE	SAPROLITE	100%	100	48	0.97	3.73	6.42	3.19	0.17	21.40	77.86	99.22
KANDIOLE KN1	SAPROLITE	80%	100	48	0.96	1.65	0.76	1.49	0.03	58.80	37.82	96.64
KABAYA KB1	SAPROLITE	78%	100	48	1.20	0.82	2.44	2.14	0.08	5.50	90.42	95.97
KABAYA KB2	SAPROLITE	78%	100	48	1.50	1.85	2.78	2.37	0.22	8.70	86.60	95.33
	FRESH ROCK	12%	100	48	1.24	1.91	2.78	2.75	0.45	12.40	73.80	86.17

Bond Work Index

PROSPECT	PROFILE	Sample ID	Mesh of Grind	F ₈₀ (µm)	P ₈₀ (µm)	g / rev	Work Index (kWh/t)
MANKOUKE SOUTH	SAPROLITE	VC2	150	1,226	83	4.40	6.20
	TRANSITION	VC3	150	1,700	84	2.18	10.40
	FRESH ROCK SEDIMENT	VC4	150	2,114	82	1.12	17.30
	FRESH ROCK INTRUSIVE	VC5	150	2,145	83	0.86	21.50
MANKOUKE CENTER	SAPROLITE	VC6	150	954	36	5.16	3.30
KABAYA	FRESH ROCK SEDIMENT	VC12	150	2,198	79	1.14	16.50

¹ <https://roscan.ca/investors/news-releases/positive-metallurgical-testing-results-from-the-kandiole-gold-project-achieved-97.6-recoveries-for-oxide-and-92.9-for-fresh/>

Summary



- ✓ **High Quality Maiden Resources with 84% in Indicated category** suggest a high-margin stand alone operation
- ✓ **Substantial Exploration Upside** within and outside resource area
- ✓ **Close to infrastructure** and located within trucking distance of operating mines
- ✓ **In process of obtaining final permitting** – key de-risking milestone
- ✓ **Leadership team** experienced in discovering, developing and building mines
- ✓ **Compelling valuation compared recent precedent transaction** - None of the recent acquired projects was as de-risked as Roscan's Kandiole Gold Project

ROSCANGOLD

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[roscan-gold-corporation](https://www.linkedin.com/company/roscan-gold-corporation)



[@GoldRoscan](https://twitter.com/GoldRoscan)

Precedent Transaction

- On September 2022, B2Gold acquired Oklo Resources for 0.02606 B2Gold common shares and A\$0.0525 in cash for each Oklo share.
- The consideration represented a purchase price of A\$0.1725 per for each Oklo share and values the transaction at A\$91.3 MM (including up to A\$27.4 MM in cash consideration).
- The purchase price represented a 127% premium to Oklo's previous day closing price and a 103% premium to the 30-day VWAP

Metric	Unit	ROS	OKU (***)
Total Global Maiden Resources	Moz	1.22	0.668
% Resource as M&I		84% (Indicated)	56% Meas. + 23% Ind. = 79% (M&I)
Disclosed Exploration Target (Upper Range)	Moz	0.8	0.000
Total Resource + Exploration Target	Moz	2.0	0.668
Strip Ratio	Waste:Ore	2.4 to 2.7	7.80
% Oxide	%	72.0%	66.0%
Metallurgical Recovery (Avg.)	(%)	95%	95%
ROS Mkt Cap. Per Oz(*) / OKU Takeover \$ per Oz	(C\$/oz)	C\$24.6	C\$117.0
ROS Mkt Cap. Per Oz(**) / OKU Takeover by BTO - \$ per Oz	(C\$/oz)	C\$14.9	C\$117.0
ROS Mkt Cap. Based on \$/Oz Paid to OKLO (1.22Moz Case) (*)	C\$M	C\$142.74	
ROS Mkt Cap. Based on \$/Oz Paid to OKLO (2.0Moz Case - Expl. Target) (**)	C\$M	C\$236.34	
ROS Price per Share (C\$/Sh) Based on \$/Oz Paid to OKLO (1.22Moz Case) (*)	C\$/Share	C\$0.36	418.9% Premium
ROS Price per Share (C\$/Sh) Based on \$/Oz Paid to OKLO (2.0Moz Case - Expl. Target) (**)	C\$/Share	C\$0.60	759.1% Premium

ROS trades at steep discount of 79% (at C\$25/oz) on 1.2Moz Global Resources or 87% discount (at C\$15/oz) on 1.2Moz + 0.8Moz Exploration Target compared recent precedent transaction C\$117/oz

Premium to ROS share price as at November 04, 2024 = C\$0.085

(*) Assuming Global Resource only

(**) Assuming Global Resource + Exploration Target

(***) Source: Oklo Investor Presentation, Press Release March 30, 2021 and Press Release May 26, 2022

Board of Directors + Management

Nana Sangmuah, Executive Chairman & CEO

Mr. Sangmuah has over 20 years of international mining experience and provides ROSCAN with strong leadership skills and an extensive knowledge of the mining exploration industry and capital markets. He was responsible for growing Clarus into one of the leading mining finance institutions.

Greg Isenor, Director

Former President, CEO and Director of Merrex Gold Inc., up until its acquisition by IAMGOLD Corporation, and former President, CEO and Director of Jilbey which was acquired by High River Gold Mines Limited. Mr Isenor has worked on a number of discoveries in Mali, including the Siribaya and Diakha deposit.

Michael Gentile, Director

Mr. Gentile has built a multi-decade career as a professional money manager focusing on the mining and natural resource sectors. In 2018, Mr. Gentile retired from full time money management and became a strategic investor in the resource sector, building significant ownership stakes in several small-cap mining companies. He is currently a Strategic Advisor to Arizona Metals Inc. and Board Member of Northern Superior Resources, Radisson Mining Resources and Solstice Gold Corporation.

Rahul Paul, Director

Former President & CEO at Radisson Mining Resources Inc., a company listed on the TSX-V. During his tenure, he successfully secured financing and supervised a 128,000 m drill program from 2019 to 2022, resulting in a significant increase in gold resources at the O'Brien project. Former Director, Research – Precious Metals at Canaccord Genuity, Mr. Paul provided in-depth coverage of gold producers and developers. Mr. Paul holds a Master of Business Administration from Western University and an undergraduate engineering degree from the University of Kerala.

Jun (Danny) Cao, CFO

Mr. Cao has over 15 years of experience in mining finance and accounting in the mining. Pas Senior Finance roles with mining companies such as Barrick Gold (Corporate Office, Toronto and Porgera Gold Mine, Papua New Guinea), Agnico Eagle Mines (Detour Lake Mine, Timmins, Canada) and IAMGold (Rosebel Gold Mine, Suriname) and as a Consulting Manager of PricewaterhouseCoopers (PwC)'s Americas.

Pascal Van Osta, Vice President - Exploration

Over 30 years of extensive mineral exploration experience throughout West Africa and the Guiana Shield. He has been involved in the Morila gold deposit discovery in Mali and development of several projects from exploration through to mine construction stage. Previously worked as Exploration Manager for Sandspring Resources in Guyana and with Etruscan Resources/Endeavour Mining working on the West Africa gold projects (Mali, Burkina Faso, Ivory Coast).

Mr. Van Osta is a Qualified Person and Euro Geo professional affiliated with an Honors Master's Degree, Geological & Mineralogical Sciences from the Free University of Brussels.

Aboubacar (Eby) Sylla, Country Manager & Touba Mining SARL, Strategic Partner

Over 10 years working in the mining & metals industry in West Africa, most recently as Manager with Touba Mining SARL. Skilled in Mineral Exploration, Negotiation, Budgeting, Operations Management, and Customer Service.

Geological Setting of Mankouke-Kabaya-Kandiolo and Sadiola-Loulo-Fekola

Mankouke-Kabaya-Kandiolo

- Major structural deformed corridor (Siribaya-Mankouke-Kabaya-Seko) but no obvious major shearing was observed without a strong relationship with the mineralization.
- Gold deposit district, Siribaya-Mankouke S, Mankouke W, Mankouke Center, Kandiolo KN1, Kabaya (KB1-2-3), Moussala, Disse Seko (SK1-2-3), >50 km continuing under the upper Proterozoic sandstone, mineralization occurrences every 2-5km.
- Multiple Pull apart detritic sediments basins, structural surficial, mineralization along main brittle contact (fault-breccia-quartz veins) responsible for the detrital sediment basins (rift) and serving as hydrothermal fluids pipes, bringing the mineralization during progressive multiple phases.
- Stratabound or/and intrusive related mineralization types, within the competency contrast zone along a contact between clastic sediments or/and dacite intrusion more competent (fault-breccia-quartz), more porous, and impure limestone-graphitic mudstone ductile and less permeable.
- Main bond with the gold mineralization: hydrothermal alteration with albite-sericite-carbonate alteration, sulfide association pyrite, arsenopyrite, trace chalcopyrite - pyrrhotite.
- Mineralization features recognized to >350m and continuing deeper, correspond with the upper part of Sadiola-Loulo-Fekola mineralization

Sadiola-Loulo-Fekola

- Major structural deformed corridor (Senegalo-Malian shear zone) but no obvious major shearing was observed, lack of a strong relationship with the mineralization.
- Gold deposit district, Sadiola (Yatela-Alamoutala-Sadiola), Loulo (Gara-Yalea-Goukoto), Fekola (Diaka-Boto-Fekola-Anaconda) ± 50 km
- Stratabound or/and intrusion related within the competency contrast zone along a contact between clastic sediments or a dacite intrusion more competent, more porous rock, and ductile impure limestone less permeable.
- Main bond with the gold mineralization: hydrothermal alteration with calc-silicate and potassic (Sadiola) or albite, carbonate, sericite, chlorite, and quartz ± tourmaline, sulfides pyrite, pyrrhotite, arsenopyrite (Fekola-Loulo).
- Deep mineralization features extension known from 400 to 1000m